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**Melissa Mack**

Vice President and Principal at Lockwood, Andrews & Newnam, Inc.

LAN  
PLANNING | ENGINEERING | PROGRAM MANAGEMENT

- Lockwood, Andrews & Newnam, Inc.

Houston, Texas, United States · [Contact info](#)

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## About

Experienced civil engineer focused on water system hydraulic and transient analysis for municipal water systems. Background includes hydraulic and transient modeling, water systems master planning, pump station design, large diameter water line route evaluation and design, and hydraulic analysis ...see more

## Activity

805 followers

Posts

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**Melissa Mack** · 3rd+  
Vice President and Principal at Lockwo...  
3w · Edited ·

Honored to moderate at #ACE2025 for our combined [American Water Works Association](#) EMAC and Asset Management ...more



1/2

42 · 1 repost



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**Melissa Mack**  
Vice President and Principal at Lockwood, Andrews & Newnam, Inc.  
1mo ·

Excited to be a part of the ACE2025 leadership! Congratulations to all the leaders!

Water For People  
42,464 followers

Drumroll, please! 🥁

Meet our 2025 Kenneth...

55 · 12 comments

## Experience



### Vice President, Principal

Lockwood, Andrews & Newnam, Inc. · Full-time  
May 2001 - Present · 24 yrs 3 mos  
Conroe, Texas, United States

## Education



### Imperial College London

Master of Engineering - MEng, Hydrology and Water Resources Science  
1999 - 2000



### Massachusetts Institute of Technology

Bachelor of Engineering - BE, Mechanical Engineering  
1993 - 1997

## Licenses & certifications



### Confined Space Entry Course

OSHA Safety Training Institute

### Professional Engineer (PE)

Illinois Department of Financial and Professional Regulation

[Show all 7 licenses & certifications →](#)

## Projects

### Gulf Coast Water Authority Industrial Pump Station

Feb 2013 - Present

Associated with Lockwood, Andrews & Newnam, Inc.

[Show project ↗](#)

Project Manager for a new 97-MGD pump station which provides raw water to industrial contract customers. Served as primary contact between GCWA and th...

### City of Houston Water Model Development

Aug 2016 - Jun 2019

Lead modeler for development of an all-pipes hydraulic model of the City of Houston's entire water distribution system. Built in Bentley's WaterGEMS, the All...

[Show all 6 projects →](#)

## Volunteering

### Website Chair

Houston Engineer's Week Committee

### Member

SAME/APWA CIP Briefing Committee

[Show all 4 volunteer experiences →](#)

## Skills

### Project Planning



Endorsed by David Taylor who is highly skilled at this

Endorsed by 5 colleagues at Lockwood, Andrews & Newnam, Inc. (LAN)

 10 endorsements

### Civil Engineering

 Endorsed by Brandon Nguyen, P.E. who is highly skilled at this

 Endorsed by 10 colleagues at Lockwood, Andrews & Newnam, Inc. (LAN)

 19 endorsements

## Recommendations

Received      Given

### Lisa Lattu

Senior Project Manager at Lockwood, Andrews & Newnam, Inc.

December 16, 2020, Lisa worked with Melissa but they were at different companies

Melissa is a joy to work with. She listens and learns what you want/need and uses her expertise and connections to deliver. Melissa makes you feel understood and secure that she's actively working on your behalf for the best project and outcome. She's kind and generous with her knowledge making space in discussions for questions and learning for everyone involved with the project. In the 15 years that we worked together, I never found a better ally for my utility.

## Publications

### Large Diameter Waterline Shutdowns – Thinking Ahead

2012 Florida AWWA Conference · Nov 1, 2012

This paper discusses developing a method for prioritizing and the planning and coordination necessary to shut down large diameter waterlines.

### A Change in System Supply

2011 ASCE Pipelines Conference · Jul 1, 2011

This paper discusses the planning & modeling effort s to assist the City of Conroe in surface water conversion.

Show all 10 publications →

## Honors & awards

### 2006 Young Engineer of the Year

Issued by Texas Society of Professional Engineers, Greater Houston Chapter · Jan 2006

 Associated with Lockwood, Andrews & Newnam, Inc.

## Organizations

### American Society of Civil Engineers

Member

### American Water Works Association

Member

Show all 4 organizations →

## Interests

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**Ryan Reynolds** Part-Time Actor, Business Owner  
3,647,774 followers[+ Follow](#)**Simon Sinek** Optimist, New York Times bestselling author of "Start with Why" and  
"The Infinite Game", and founder of The Optimism Company  
8,600,519 followers[+ Follow](#)[Show all Top Voices →](#)**More profiles for you****Behnaz Khakbaz, Ph.D., P.E.** · 3rd+

Technical Leader at Lockwood, Andrews &amp; Newnam, Inc.

[Message](#)**Dane Schneider PE, ENV SP** · 3rd+

Serving the Public Sector | Stormwater Management | Freese and Nichols

[Message](#)**Wayne Swafford** · 3rd+Chief Development Officer at  
Lockwood, Andrews and Newnam, Inc.[Message](#)**Venus Nahid Price, PE** · 3rd+

Water Resources Leader, Lockwood, Andrews &amp; Newnam, Inc.

[Message](#)**Flor A. Canahuati, P.E.,CFM** · 3rd+

Principal - AGC Group, Inc.

[Message](#)[Show all](#)**Explore Premium profiles****Cayden Owens** · 3rd+

Mayo Clinic Administrative Fellow

[Message](#)**Carrie Lynn Henderson** · 3rd+

--Critical Care Thinker, Advocate, Compassionate, Dependable

[Message](#)

**Ashton Mikami** · 3rd+  
Registered Nurse at Premise Health

[Message](#)

**DIANE KOWALSKI MD, MMSc** · 3rd+  
Physician, Professor of Medical Science,  
Quinnipiac University School of Health Sciences,...

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### People you may know



**yanet perez**   
Registered Nurse at MercyOne

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**Bridgette Lubka**  
Registered Nurse at MercyOne

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**Kendra Kundert**  
Registered Oncology Nurse

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**Luke Ashwin Lawrence John**  
Internal Medicine Resident

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**Camryn Shaw**   
Registered Nurse at MercyOne

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